CENG 773
Computational Geometry
Assignment #1

Due Date: March 3, 2014 (in class)

Design a plane sweep algorithm to compute the total area covered by a given set of triangles. An area may be covered by multiple triangles and should be counted only once during area computation. Provide the pseudo code of your algorithm. You may provide additional explanations if you feel it is necessary. What is the computational complexity of your algorithm?